

Name: _____

Parent Signature: _____

Unit Five Test Preparation Planner

Fill in the table below to help organize your preparation for the Unit Five test!

Remember that you should be spending **TWENTY** minutes per day on studying, including this WEEKEND!

Date	Item(s)	Planned Start/End Time
Friday, 3/18	Fill in test prep plan Complete homework	
Saturday, 3/19		
Sunday, 3/20		
Monday, 3/21		
Tuesday, 3/22	Study guide is DUE in class TODAY	
Wednesday, 3/23	Test is today!	

Studying Checklist

___ **Required:** Complete the **Study Guide** in its entirety.

___ Re-read your notes and create a study sheet of key ideas, definitions, and problem procedures.
Create flashcards for key vocabulary and ideas.

___ Attend **tutorial**. You must sign up in advance.

___ Email Ms. Pike/Kolb with any questions

___ REDO problems from your homeworks you did not answer correctly the first time.

___ REDO problems from the unit's quizzes, especially the ones you got wrong.

___ Take the online lesson quizzes from the textbook (see link on wikispace).

___ Watch LZ videos linked on the wikispace

Complete more practice with concepts you need to practice.

___ Practice packet(s) uploaded on wiki

___ p. 284 - 286 in your textbook : pick and choose the problems you need to work on. Note: not
all problems on these pages are on your test

Unit 5 Study Guide

Lesson 1 and 2

Put in order least to greatest.

① $0.4, \frac{3}{5}, \frac{1}{2}, \frac{3}{10}$

② $-\frac{3}{8}, -\frac{3}{4}, -0.38, -0.6$

③ $\frac{1}{4}, -\frac{1}{5}, 0.2, \frac{2}{5}$

④ Create a # line for $\frac{4}{5}, 1\frac{2}{5}, -\frac{3}{5}$, and $-1\frac{1}{5}$

* you should be able to convert b/t fractions and decimals fluently! *

Lesson 3 and 4

Solve.

5. $4\frac{1}{2} + 1\frac{1}{6}$

6. $-3\frac{3}{8} + 1\frac{1}{4}$

7. $-3\frac{5}{6} - 2\frac{3}{4}$

8. $1\frac{3}{10} \times -1\frac{1}{6}$

9. $3\frac{7}{8} \times -1\frac{1}{2}$

10. $-\frac{11}{10} \div -\frac{7}{8}$

11. $-10\frac{1}{7} \div \frac{4}{9}$

12. Mrs. Pike has licorice ropes to give to students. She has 6 licorice ropes and she wants to give each student $\frac{3}{5}$ of a rope. How many students can she give portions to?

13. Mrs. Kolb gave $\frac{3}{5}$ of a licorice rope to each of 6 students. How many licorice ropes did she have?

Lesson 5 Solve and Check

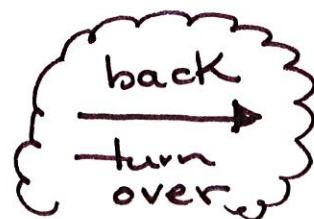
14. $x + 1\frac{1}{2} = -1\frac{2}{5}$

15. $k - 1 = 3\frac{3}{8}$

16. $-\frac{3}{40} = \frac{m}{8}$

17. $3\frac{2}{7}n = 32\frac{6}{7}$

18. $-2\frac{1}{5} + x = 4\frac{7}{8}$



Unit 5 Study Guide

Lesson 6 Write an equation for each.

19. Anja is cooking a casserole. The recipe calls for $4\frac{1}{2}$ cups rice. She has already put in $3\frac{5}{7}$ cups. How many more cups does she need to put in?
20. Amy split her cake between 7 friends. If each person got $2\frac{3}{4}$ in pieces, how big was the cake?

Application

21. Find the mean, median, mode and range of $\frac{3}{4}, 2\frac{1}{4}, 2\frac{1}{5}, 1\frac{3}{4}, 2\frac{1}{4}$
22. Find the $A=LW$ when $L=2\frac{3}{4}$ cm
 $W=1\frac{2}{5}$ cm
23. Find $V=LWH$ when $L=1\frac{3}{5}$
 $W=2\frac{1}{6}$
 $H=7\frac{4}{5}$